

Create A Database In Cloudant DB

Team ID	PNT2022TMID48154
Project Name	IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING AND NOTIFICATION

Launch the Cloudant DB and Create database to store the location data.

The screenshot shows the IBM Cloud dashboard with the URL cloud.ibm.com/catalog/services/cloudant. A modal window is open, displaying the 'Cloudant Lite' service details. It shows a summary table with one instance of Cloudant Lite, which is free and includes 20 reads/sec, 10 writes/sec, and 1000 documents/sec. The modal also contains a message stating 'Service was not created' and instructions to either delete the existing Lite plan instance or select a paid plan. A 'Create' button is visible at the bottom of the modal. The background shows the 'Multitenant' environment selected, and the 'Available regions' dropdown is set to London. The status bar at the bottom indicates it's 29°C and light rain.

Create the database in the cloudant

The screenshot shows the IBM Cloudant dashboard with the URL cd925334-dee8-49ae-8554-74fee774f75-bluemix.cloudant.com/dashboard.html#/all_dbs. On the left, a sidebar menu includes options like Monitoring, Databases, Replication, Active Tasks, Account, Support, and Documentation. The main area is titled 'Databases' and shows a table with columns: Name, Size, # of Docs, Partitioned, and Actions. A 'Create Database' button is located at the top right of the table. The status bar at the bottom indicates it's 29°C and rain has stopped.

The screenshot shows the IBM Cloudant Dashboard interface. On the left, there's a sidebar with various icons for database management. The main area is titled "Databases" and shows a table with columns: Name, Size, # of Docs, and Partitioned. A modal window titled "Create Database" is open on the right, prompting for a "Database name" (set to "IOTProject") and "Partitioning" (set to "Non-partitioned - recommended for most workloads"). Below the modal, a note asks, "Which should I choose?" with two buttons: "Cancel" and "Create". The status bar at the bottom indicates "Showing 1–0 of 0 databases".

The database had been successfully created

The screenshot shows the Cloudant Dashboard for the database "pnt2022tmid48154". The left sidebar lists "All Documents", "Query", "Permissions", "Changes", and "Design Documents". The main area displays a message "Database created successfully" above a cloud icon. Below it, a message says "No Documents Found". At the bottom, it shows "Showing 0 documents. Documents per page: 20". The status bar at the bottom right shows the date and time as "16-11-2022 12:24".

Create the new document in the database

The screenshot shows the Cloudant Dashboard - database interface. A modal window titled "Create Document" is open, showing the JSON code for a new document:

```
1 {
2   "_id": "bdb038225fca48b29b2cf1baef4271f8",
3   "new": "abcd"
4 }
```

The sidebar on the left includes icons for Home, Create Document, All Documents, Query, Permissions, Changes, Design Documents, and Log Out. The top navigation bar shows the URL cd925334-dee8-49ae-8554-74efee774f75-bluemix.cloudant.com/dashboard.html#/database/pnt2022tmid48154/_new. The system tray at the bottom right shows the date and time as 16-11-2022 12:27.

The screenshot shows the Cloudant Dashboard - database interface with the "All Documents" tab selected. The table displays the following data:

id	key	value
bdb038225fca48b29b2cf1baef4271f8	bdb038225fca48b29b2cf1baef4271f8	{ "rev": "1-4dbd80ab6e655d7..."}

The sidebar on the left includes icons for Home, All Documents, Query, Permissions, Changes, Design Documents, and Log Out. The top navigation bar shows the URL cd925334-dee8-49ae-8554-74efee774f75-bluemix.cloudant.com/dashboard.html#/database/pnt2022tmid48154/_all_docs. The system tray at the bottom right shows the date and time as 16-11-2022 12:28.